

# Annual Status Report

Update on the 2000–2005 Strategic Plan

*Missouri Department of Health and Senior Services*

## Inside this report:

- Highlights of important issues for the Department
- Status of selected indicators from the 2003 Strategic Plan Update

## 2003 — DHSS Faces Substantial Budget Reductions

In 2003 the department suffered a 23% reduction in General Revenue funding. The department adjusted to these cuts by:

- Implementing Efficiencies (Outsourcing)
- Organizational Restructuring
- Protecting Front-line Services

*(See Summary of Budget Reductions for more information)*

## Emergency Response and Terrorism



Emergency plans remain a top priority at the state and local level to prevent, detect and respond to health and safety threats.

Since the tragic events on September 11, 2001, and the subsequent anthrax threats, DHSS implemented new emergency response and terrorism procedures and made plans for the specialized equipment and staff needed to respond more quickly to emergency events and health threats in Missouri. State and local public health agencies have made significant improvements in planning, surveillance and epidemiology, laboratory capacity, communications and public information, and education and training.

The Department of Health and Senior Services expanded its Center for Emergency Response and Terrorism and added state laboratory, epidemiology, communication and medical capacity. The Department Situation Room is staffed by a duty officer 24 hours a day, 7 days a week, and monitors the day-to-day emergency preparedness of the state. For emergencies and disease reporting, call the Department Situation Room at 800-392-0272.

Our best defense is a coordinated response that incorporates state and local capabilities into one plan, and this is being accomplished through contracts with 32 local public health agencies and the hiring of regional planners, regional epidemiology

specialists, regional public information officers, and regional trainers.

### Public Health's Role

- Activate and maintain High Alert Disease Reporting System
- Assure public health investigation response
- Assure rapid medical care on a large scale
- Assure lifesaving medical supplies
- Prevent secondary transmission
- Provide public information
- Provide ongoing education and training
- Assure rapid chemical and nuclear response
- Assure management of fatalities
- Assure immediate communications among experts, supply sources and on-site managers

More information is available on the DHSS website: [www.dhss.state.mo.us/BT\\_Response/](http://www.dhss.state.mo.us/BT_Response/)

## Addressing an Aging Population

Missouri ranks 13th in the nation in the percent of people 65 years of age and over. By 2025, Missouri's senior population is projected to be about 20% of Missouri's total population.

Challenges facing the growing senior population include:

- Economics — income reduction
- Health status — life expectancy
- Health Risks & Behaviors — physical inactivity
- Health Care— availability and cost

Missouri is currently working to develop and

implement programs to:

- Reduce number of hospitalizations due to chronic diseases
- Educate seniors on the importance of physical activity
- Increase rate of immunization against pneumonia and influenza
- Increase number of state-funded home and community-based services for seniors, as an alternative to placement in long term care facilities.
- Help offset the cost of prescription drugs for elderly Missouri residents.



*"Creating community environments conducive to a healthy lifestyle is a shared responsibility."*

## Vision

Healthy Missourians living in an environment that is safe, supportive and conducive to a healthy lifestyle.

## Mission

Department of Health and Senior Services protects and promotes quality of life and health for all Missourians by developing and implementing programs that provide:

- information and education
- effective regulation and oversight
- quality services
- surveillance of diseases and conditions

## 2003 Long-Term Outcomes

- Healthy Infants and Children
- Healthy Adolescents
- Healthy Adults
- Healthy Seniors
- Safe Supportive Environment
  - Improved safety in health care, child care and senior care
  - Decreased risk of environmentally induced diseases
  - Improved services and quality of life for seniors and adults with disabilities and prevention of elder abuse

During the last 100 years, life expectancy has increased by 30 years; 25 of those are attributed to public health—5 years to advances in medical care.

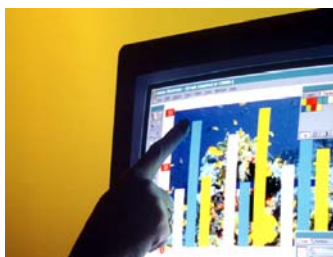
In 2001, life expectancy for Missouri was 76.3 compared to 77.2 for the U.S.

In 2002, life expectancy for Missouri was 76.2 \*

\*U.S rate for 2002 is not available

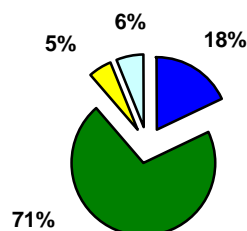
## 2003 Priorities and Funding

- Health Status Surveillance
- Regulatory/Quality Assurance
- Disease and Health Hazards Investigation
- Information and Education
- Direct Services



Determining target health conditions, geographic areas, and population disparities that need to be addressed is a core function of the department.

DHSS FY 2004 Budget by Fund Source



*Does not include transfer appropriations.*

■ General Revenue ■ Federal ■ Other Funds ■ Senior Rx



## Annual Status Report Success Indicators from 2003 Strategic Plan

### HEALTHY INFANTS & CHILDREN

Success Indicators	Healthy People 2010	2000 Baseline	2001 Target	2001 Actual	2002 Target	2002 Actual
Percent of women accessing prenatal care in their first trimester of pregnancy	90.0%	86.1%	85.7%	85.7%	86.2%	86.0%
Percent of women smoking during pregnancy	2.0%	18.3%	16.8%	18.3%	15.7%	18.1%
Percent of live births that result in healthy birth weight babies	N/A	90.3%	90.5%	90.5%	90%+	90.7%
Percent of infants being breastfed at hospital discharge	75.0%	57.6%	58.8%	58.8%	60.0%	59.49%
Percent of infants breastfed to at least 6 months of age	50.0%	26.7%	27.0%	24.5%	27.5%	28.1%
Immunization coverage rate for two-year olds	80.0%	79.0%	79.0%	79%	80%	73.0%
Percent of children (WIC 2-5 years old) who are overweight ( $\geq 95$ th percentile for BMI for age)	N/A	11.5%	11.7%	*11.6%	11.6%	12.5%
Percent of children (WIC 2-5 years old) who are at risk for overweight (85th to $\leq 95$ th percentile for BMI for age)	N/A	15.4%	15.4%	*15.0%	15.2%	12.5%
Rate of lead poisoning (levels $\geq 10$ micrograms/deciliter) in children less than 72 months of age	0 (total elimination)	11.2%	8.0%	6%	NA	5%
The rate of hospital emergency department visits for asthma for children aged 1-4	8.0/ 1,000 pop. < 5	16.2/ 1,000 Pop	15.5	16.4	14.8	Not available

\*In 2001, the data represents only one record per person. In previous years, all records submitted to CDC were included.

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## Annual Status Report

### Success Indicators from 2003 Strategic Plan

#### Healthy Adolescents

Success Indicators	Healthy People 2010	2000 Baseline	2001 Target	2001 Actual	2002 Target	2002 Actual
Rate of deaths to adolescents aged 15-24 caused by motor vehicle crashes per 100,000	N/A	41.4	37.7	35.9	37.4	41.0
Rate of injury to adolescents aged 15-24 caused by motor vehicle-traffic per 100,000	N/A	3182.6	3123.2	3256.6	3096.3	*
Percent of students grades 9-12 who smoked cigarettes on one or more of the past 30 days	16.0%	32.8%	30.3%	30.3%	30.3%	*
Percent of adolescents ages 9-11 who are at a healthy weight	N/A	58.1%	58.4%	**57%	58.6%	57.6%
Percent of adolescents ages 12-17 who are at a healthy weight	N/A	58.7%	59%	**52.1%	60%	61%
Rate of pregnancy among adolescents aged 15-17 per 1,000	46.0	32.5	30.2	29.2	28.2	27.7

\*Data not available

\*\*Data is from 2000-2001 school year.

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## Annual Status Report Success Indicators from 2003 Strategic Plan

### Healthy Adults

Success Indicators	Healthy People 2010	2000 Baseline	2001 ***	2001 Actual	2002 Target	2002 Actual
Percent of adult current smokers	12.0	27.2	25.9	25.9	25.8	26.5
Prevalence of overweight (BMI 25-29.9 kg/m <sup>2</sup> )	**	34.4	36.2	36.2	33.7	37.0
Prevalence of obesity (BMI ≥ 30 kg/m <sup>2</sup> )	15.0	22.1	23.2	23.2	21.7	23.2
Percent of adults who report no leisure time physical activity during past month	20.0	28.8	27.5	27.5	26.1	26.5
Prevalence of individuals consuming 5 or more fruits and vegetables daily	**	20.7	*	*	21.7	19.2
<b>Rate of sexually transmitted diseases:</b>						
⇒ Syphilis	0 (elimination)	0.5	1.6	0.5	1.5	1.4
⇒ Gonorrhea	119.0	162.5	145.8	155.9	132.7	160.0
⇒ Chlamydia	**	246.0	233.4	249.3	224.4	298.2
Rate of tuberculosis	0 (elimination)	3.8	2.8	2.8	2.8	2.8

\*Data not available

\*\*No comparable 2010 objective or uses different data source

\*\*\*Preliminary data



## Annual Status Report

### Success Indicators from 2003 Strategic Plan

### Healthy Seniors

Success Indicators	Healthy People 2010	2000 Baseline	2001 Target	2001 Actual	2002 Target	2002 Actual
<b>Hospitalization rates (per 10,000 population) due to chronic diseases among Missouri senior adults:</b>						
⇒ Diabetes with and without complications	25.7	42.0	39.9	48.2	38.0	*
⇒ Heart Disease (CVD)	657.7	1148.1	1090.7	1208.8	1036.2	*
⇒ Lung Disease (COPD)	68.5	114.0	108.3	129.4	102.9	*
<b>Percentage of Missouri senior adults immunized:</b>						
⇒ Influenza (persons 65 years of age)	90%	76.6%	77.9%	67.5%	79.2	*
⇒ Pneumococcal	90%	66.5%	71.2%	56%	71.2%	*
Percent of unduplicated Missouri Care Options (MCO) screenings that result in authorization of state-funded home and community-based services	N/A	31%	24%	60%	30%	*

\*Data not available

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## Annual Status Report

### Success Indicators from 2003 Strategic Plan

#### Safe, Supportive Environment

Success Indicators	Healthy People 2010	2000 Baseline	2001 Target	2001 Actual	2002 Target	2002 Actual
Incidence of child abuse and neglect in regulated child care facilities	N/A	45	43 (Actual)	43	41 (projected)	49
Incidence of elder abuse	N/A	9,870	9,752 (Actual) (Prelim)	9,761 (Final)	9,700 (projected)	9,906
Percent of Class I deficiencies issued to nursing homes	N/A	4.5%	2.3% (Actual)	2.3%	2.3% (projected)	1.2%
Percent of in-home service providers monitored sanctioned for quality of care issues	N/A	N/A	N/A	N/A	N/A	*
Incidence of substandard hospital care (due to accidental tissue penetrations or hemorrhages, foreign objects left in body, instrument failures, medication errors and sterilization failures as measures of medical errors)	N/A	2,570	2,696 (projected)	2,803	2,828 (projected)	2966
Number of federally designated geographic health professional shortage areas	N/A	38	38 (Actual)	38	36	36
Incidence of poisoning from hazardous substances	N/A	49	167 (Actual)	167	68 (projected)	175
Number of sites participating in High Alert Surveillance System (HASS)	N/A	N/A	N/A	N/A	412	834

\*Data Not Available

3/8/04



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